

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1448850	antenna or array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:29
L2	17080	cruciform	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:29
L3	2191	1 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:30
L4	1801	first same second same (sub adj (array or antenna))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:30
L5	227113	(filter or filtered or filtering) same (interference or noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:31
L6	2962	(normalize or normalizing or normalization or normalized) same (correlate or correlated or correlating or correlator or correlation) same (weight or weighted or weighting or coefficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:31
L7	4	3 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:35

## EAST Search History

L8	167	3 and 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:35
L9	167	5 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:35
L10	2	6 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:36
L11	1801	1 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:36
L12	4	11 and 5 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 17:38
L13	9	3 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 18:25
L14	0	CORTAMBERT-JEAN-MARC-\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 18:25

## EAST Search History

L15	8	CORTAMBERT-JEAN-\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 18:25
L16	75	("3076961"   "3108270"   "3501762"   "3787857"   "3981010"   "4015258"   "4264907"   "4317117").PN. OR ("2007/0063912"   "5341142").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/06 18:38
L17	10	((antenna or array or cruciform) and first and second and (filter or filtered or filtering) and (interference or noise) and (normalize or normalizing or normalization or normalized) and (correlate or correlated or correlating or correlator or correlation) and (weight or weighted or weighting or coefficient)).clm.	US-PGPUB	OR	ON	2008/01/06 18:39
L18	49	(US-20070063912-\$ or US-20020130811-\$).did. or (US-5537511-\$ or US-RE35607-\$ or US-5790076-\$ or US-5973638-\$ or US-6020830-\$ or US-6054951-\$ or US-6236363-\$ or US-5428581-\$ or US-4119968-\$ or US-4414548-\$ or US-4489322-\$ or US-4511897-\$ or US-4558323-\$ or US-4613867-\$ or US-4794395-\$ or US-4798215-\$ or US-4812826-\$ or US-4910719-\$ or US-5017922-\$ or US-5182562-\$ or US-5214438-\$ or US-5422830-\$ or US-5459668-\$ or US-5488589-\$ or US-5615175-\$ or US-5739789-\$).did. or (US-5886950-\$ or US-6028300-\$ or US-6054949-\$ or US-6081729-\$ or US-6225619-\$ or US-6239723-\$ or US-6252544-\$ or US-6339956-\$ or US-6359444-\$ or US-6362775-\$ or US-6373043-\$ or US-6393046-\$ or US-6400753-\$ or US-6429812-\$ or US-6512996-\$ or US-6618003-\$ or US-6693582-\$ or US-6807517-\$ or US-6822605-\$ or US-6853961-\$ or US-7177233-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/06 18:43
L19	6142	((343/824) or (342/175) or (342/59) or (342/81) or (342/131-135) or (342/157) or (342/368-375)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/06 18:54

## EAST Search History

L20	3551	19 and @ad<="20031117"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/06 18:54
-----	------	------------------------	--	----	----	------------------

# SEARCH NOTES FOR EAST, IEEE, INSPEC, IP.COM, AND PROQUEST

**SERIAL NUMBER**

10579582

## **EAST SEARCH**

EAST: search history attached

Search terms:

antenna or array

first same second same sub adj (array or antenna)

(filter or filtered or filtering) same (interference or noise)

(normalize or normalizing or normalization or normalized) same (correlate or correlated or correlating or correlator or correlation) same (weight or weighted or weighting or coefficient)

cruciform same (antenna or array)

((antenna or array or cruciform) and first and second and (filter or filtered or filtering) and (interference or noise) and (normalize or normalizing or normalization or normalized) and (correlate or correlated or correlating or correlator or correlation) and (weight or weighted or weighting or coefficient)).clm.

## **IEEE SEARCH**

Sun, 6 Jan 2008, 6:21:14 PM EST

Recent Search Queries

Results

#1

((antenna or array or cruciform) and first and second and (filter or filtered or filtering) and (interference or noise) and (normalize or normalizing or normalization or normalized) and (correlate or correlated or correlating or correlator or correlation) and (weight or weighted or weighting or coefficient))<in>metadata)

0

## **INSPEC SEARCH**

Search history:

No.	Database	Search term	Info added since	Results	
CP		[Clipboard]		0	-
1	INZZ	(antenna OR array OR cruciform) AND first AND second AND (filter OR filtered OR filtering) AND (interference OR noise) AND (normalize OR normalizing OR	unrestricted	0	

		normalization OR normalized) AND (correlate OR correlated OR correlating OR correlator OR correlation) AND (weight OR weighted OR weighting OR coefficient)			
--	--	--	--	--	--

## IP.COM SEARCH

(antenna or array or cruciform) and first and second and (filter or filtered or filtering) and (interference or noise) and (normalize or normalizing or normalization or normalized) and (correlate or correlated or correlating or correlator or correlation) and (weight or weighted or weighting or coefficient)

No relevant document found.

## PROQUEST SEARCH

(antenna or array or cruciform) and first and second and (filter or filtered or filtering) and (interference or noise) and (normalize or normalizing or normalization or normalized) and (correlate or correlated or correlating or correlator or correlation) and (weight or weighted or weighting or coefficient)

No relevant document found.

## Sotomayor, John

---

**From:** plus2@uspto.gov  
**Sent:** Friday, January 04, 2008 3:24 PM  
**To:** Sotomayor, John  
**Subject:** PLUS Results for serial number: 10579582

**Attachments:** 10579582\_WDS.txt; 10579582\_results.east; 10579582\_WEST.txt; 10579582\_EAST.txt;  
10579582\_QUAL.txt; 10579582\_CLSTITLES.txt; 10579582\_CLS.txt; 10579582\_LIST.txt



10579582\_WDS.txt (9 KB) 10579582\_results.east (1 KB) 10579582\_WEST.txt (892 B) 10579582\_EAST.txt (892 B) 10579582\_QUAL.txt (968 B) 10579582\_CLSTITLES.txt (11 KB) 10579582\_CLS.txt (1 KB)



10579582\_LIST.txt (1 KB)

Thanks for using the PLUS system. Your results are attached. You can also view and download them at <http://mars:9000/plus/user/downloadresults.jsf?rqstId=86621&serialNumber=10579582>

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.